

#1

**ATTORNEY DOCKET NO. 19044.0059U2**  
**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of )  
White et al. ) Art Unit: Unassigned  
Application No. 10/519,731 ) Examiner: Unassigned  
Intl. Filing Date: July 2, 2003 ) Confirmation No. 5125  
For: INHIBITORS OF FTSZ AND USES )  
THEREOF )

**RESPONSE TO NOTIFICATION OF DEFECTIVE RESPONSE**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C.  
Customer Number 23859

Sir:

In response to Notification of Defective Response mailed November 8, 2005, applicants hereby submit a diskette containing the corrected Sequence Listing for this application in computer readable form (CRF) and a corrected paper copy of the Sequence Listing in compliance with 37 C.F.R. §§ 1.821-1.825.

Applicant also provides herewith a statement that the content of the Sequence Listing information recorded in computer readable form is identical to the written Sequence Listing and includes no new matter.

ATTORNEY DOCKET NO. 19044.0059U2  
Application No. 10/519,731

No fee is believed due; however, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

NEEDLE & ROSENBERG, P.C.

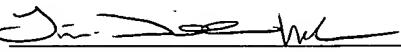


Tina W. McKeon  
Registration No. 43,791

NEEDLE & ROSENBERG, P.C.  
Customer Number 23859  
(678) 420-9300  
(678) 420-9301 (fax)

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence, including any items indicated as attached or included, is being deposited with the United States Postal Service as Express Mail Label No. EL 979108329 US in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

  
Tina W. McKeon  
Date

NOV 14 2005



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/519,731	E Lucile White	19044.0059U2
INTERNATIONAL APPLICATION NO.		
PCT/US03/20984		
I.A. FILING DATE		PRIORITY DATE
07/02/2003		07/02/2002
CONFIRMATION NO. 5125		
371 FORMALITIES LETTER		
 *OC000000017417261*		

Date Mailed: 11/08/2005

## NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495)

- Priority Document
- Copy of the International Application filed on 12/28/2004
- Copy of the International Search Report filed on 12/28/2004
- Preliminary Amendments filed on 12/28/2004
- Information Disclosure Statements filed on 07/05/2005
- Biochemical Sequence Diskette filed on 09/07/2005
- Oath or Declaration filed on 07/05/2005
- Biochemical Sequence Listing filed on 09/07/2005
- U.S. Basic National Fees filed on 12/28/2004
- Priority Documents filed on 12/28/2004
- Power of Attorney filed on 07/05/2005
- Specification filed on 12/28/2004
- Claims filed on 12/28/2004
- Abstracts filed on 12/28/2004
- Drawings filed on 12/28/2004

*Turn file / AOS*

DOCKETED	
By <u><i>[Signature]</i></u>	Date <u>11/7/05</u>
Reviewed _____	
Name/Date _____	
Scanned _____	

Applicant's response filed 09/07/2005 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 08/12/2005 have not been completed.

- This application does not contain a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). Applicant must provide such statement. If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).
- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content

of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

**Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).**

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

**For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:**

- **For Rules Interpretation, call (571) 272-0951**
- **For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.**
- **Send e-mail correspondence for Patentin Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)**

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

SHAKEEL AHMED

Telephone: (703) 308-9140 EXT 208

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/519,731	PCT/US03/20984	19044.0059U2

FORM PCT/DO/EO/916 (371 Formalities Notice)

## STIC Biotechnology Systems Branch

### RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/519,731  
Source: PC/10  
Date Processed by STIC: 9/29/05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05



PCT

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/519,731

DATE: 09/29/2005  
TIME: 08:58:04

Input Set : A:\190440058U2.SEQLIST.TXT  
Output Set: N:\CRF4\09292005\J519731.raw

4 <110> APPLICANT: Lucile White  
5 Bob Reynolds  
6 Bill Suling  
8 <120> TITLE OF INVENTION: INHIBITORS OF FTSZ AND USES THEREOF  
11 <130> FILE REFERENCE: 19044.0059U2  
13 <140> CURRENT APPLICATION NUMBER: 10/519,731  
14 <141> CURRENT FILING DATE: 2004-12-28  
16 <150> PRIOR APPLICATION NUMBER: PCT/US03/20984  
17 <151> PRIOR FILING DATE: 2003-07-02  
19 <150> PRIOR APPLICATION NUMBER: 60/393,680  
20 <151> PRIOR FILING DATE: 2002-07-02  
22 <160> NUMBER OF SEQ ID NOS: 3  
24 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
26 <210> SEQ ID NO: 1  
27 <211> LENGTH: 7  
28 <212> TYPE: PRT  
C--> 29 <213> ORGANISM: Artifical Sequences *Artificial Sequence*  
31 <220> FEATURE:  
32 <223> OTHER INFORMATION: Description of Artificial Sequence; Note =  
33 synthetic construct  
35 <220> FEATURE:  
36 <221> NAME/KEY: VARIANT  
37 <222> LOCATION: 6  
38 <223> OTHER INFORMATION: Xaa can be either Ser or Thy  
40 <400> SEQUENCE: 1  
W--> 41 Gly Gly Gly Thr Gly Xaa Gly  
42 1 5  
44 <210> SEQ ID NO: 2  
45 <211> LENGTH: 5  
46 <212> TYPE: PRT  
C--> 47 <213> ORGANISM: Artifical Sequences *same error*  
49 <220> FEATURE:  
50 <223> OTHER INFORMATION: Description of Artificial Sequence; note =  
51 synthetic construct  
53 <400> SEQUENCE: 2  
54 Asp Ala Val Ile Lys  
55 1 5  
57 <210> SEQ ID NO: 3  
58 <211> LENGTH: 6  
59 <212> TYPE: PRT  
C--> 60 <213> ORGANISM: Artifical Sequences *same*  
62 <220> FEATURE:  
63 <223> OTHER INFORMATION: Description of Artificial Sequence; note =

Does Not Comply  
Corrected Diskette Needed

? invalid  
amino acid  
designator

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/519,731

DATE: 09/29/2005

TIME: 08:58:04

Input Set : A:\190440058U2.SEQLIST.TXT  
Output Set: N:\CRF4\09292005\J519731.raw

64 synthetic construct  
66 <400> SEQUENCE: 3  
67 Val Ala Thr Gly Ile Gly  
68 1 5

RAW SEQUENCE LISTING ERROR SUMMARY                   DATE: 09/29/2005  
PATENT APPLICATION: US/10/519,731                   TIME: 08:58:05

Input Set : A:\190440058U2.SEQLIST.TXT  
Output Set: N:\CRF4\09292005\J519731.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 6

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/519,731

DATE: 09/29/2005

TIME: 08:58:05

Input Set : A:\190440058U2.SEQLIST.TXT  
Output Set: N:\CRF4\09292005\J519731.raw

L:29 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1  
L:41 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:47 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2  
L:60 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3